



```

; TITLE OF INVENTION: CALCIUM CHANNEL SUBUNITS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173-4799
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/713,118
; FILING DATE: 16-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mata, Elizabeth W.
; REGISTRATION NUMBER: 38,236
; REFERENCE/DOCKET NUMBER: ACC96-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ. ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2337 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-713-118-2

Query Match          20.0%; Score 70; DB 3; Length 2337;
Best Local Similarity 29.4%; Pred. No. 6.8;
Matches 25; Conservative 7; Mismatches 13; Indels 40; Gaps 5;

QY 4 NHHHGKSGCYRCEDRPWHQRPCLDQ-----C 35
   :|||: :|||: :|||: :|||: :|||:
Db 2048 HHHHH-----RCHRR-RDR-----KQSLKGPGLSADMDGAPSAVGPGLPGECPGTC 2096

QY 36 REPERERKQERSRHEADRSGEGSS 60
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Db 2097 R-RERERKQERSRQERRRPPSSSS 2120

RESULT 3
US-09-452-007-2
; Sequence 2, Application US/09452007
; Patent No. 6140485
; GENERAL INFORMATION:
; APPLICANT: Franco, Rodrigo
; APPLICANT: Sun Chen, Ai Ru
; APPLICANT: Suey, David J.
; TITLE OF INVENTION: NUCLEIC ACID ENCODING HUMAN NEURONAL
; TITLE OF INVENTION: CALCIUM CHANNEL SUBUNITS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173-4799
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/452,007
; FILING DATE:
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; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/713,118
; FILING DATE: 16-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Mata, Elizabeth W.
; REGISTRATION NUMBER: 38,236
; REFERENCE/DOCKET NUMBER: ACC96-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ. ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2337 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-452-007-2

Query Match          20.0%; Score 70; DB 3; Length 2337;
Best Local Similarity 29.4%; Pred. No. 6.8;
Matches 25; Conservative 7; Mismatches 13; Indels 40; Gaps 5;

QY 4 NHHHGKSGCYRCEDRPWHQRPCLDQ-----C 35
   :|||: :|||: :|||: :|||: :|||:
Db 2048 HHHHH-----RCHRR-RDR-----KQSLKGPGLSADMDGAPSAVGPGLPGECPGTC 2096

QY 36 REPERERKQERSRHEADRSGEGSS 60
   | |||:|||||: : ||
Db 2097 R-RERERKQERSRQERRRPPSSSS 2120

RESULT 4
US-08-933-750C-47
; Sequence 47, Application US/08933750C
; Patent No. 5932442
; GENERAL INFORMATION:
; APPLICANT: Lal, Proeli
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Bandman, Olga
; APPLICANT: Shah, Puryi
; APPLICANT: Au-Young, Janice
; APPLICANT: Yue, Henry
; APPLICANT: Guegler, Karl J.
; APPLICANT: Corley, Neil C.
; TITLE OF INVENTION: HUMAN REGULATORY MOLECULES
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/933,750C
; FILING DATE: September 23, 1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0356 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
```



ORIGINAL SOURCE:  
ORGANISM: Theobroma cacao  
FEATURE:  
NAME/KEY: Protein  
LOCATION: 1..566  
OTHER INFORMATION: /note= "67 kd Precursor Protein"  
US-07-955-905A-22

Query Match 19.1%; Score 67; DB 1; Length 566;  
Best Local Similarity 44.7%; Pred. No. 3.3;  
Matches 17; Conservative 5; Mismatches 12; Indels 4; Gaps 3;

QY 15 QCVRCEDRPWHRPCLEQCRERERE-KRQERSRH 50  
IIIIII : I : III : III : I : I :  
Db 44 QCORCESEATEERERQ--EQCEQRCEREYKQQRQEE 79

RESULT - 8  
US-08-455-543A-48  
Sequence 48, Application US/08455543A  
Patent No. 5792846  
GENERAL INFORMATION:  
APPLICANT: Harpold, Michael  
APPLICANT: Ellis, Steven  
APPLICANT: Williams, Mark  
APPLICANT: Feldman, Daniel  
APPLICANT: McCue, Ann  
APPLICANT: Brenner, Robert  
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Brown, Martin, Haller & McClain  
STREET: 1660 Union Street  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92101-2926  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/455,543A  
FILING DATE: May 31, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/223,305  
FILING DATE: April 4, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/868,354  
FILING DATE: April 10, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/745,206  
FILING DATE: 15-AUG-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/620,250  
FILING DATE: 30-NOV-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/482,384  
FILING DATE: 20-FEB-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/603,751  
FILING DATE: 04-APR-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US89/01408  
FILING DATE: 04-APR-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/176,899  
FILING DATE: 04-APR-1988  
ATTORNEY/AGENT INFORMATION:  
NAME: Seidman, Stephanie L.

REGISTRATION NUMBER: 33,779  
REFERENCE/DOCKET NUMBER: 6362-52517  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619)238-0999  
TELEFAX: (619)238-0062  
INFORMATION FOR SEQ ID NO: 48:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2237 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FRAGMENT TYPE: Internal  
US-08-455-543A-48

Query Match 18.9%; Score 66; DB 1; Length 2237;  
Best Local Similarity 28.2%; Pred. No. 19;  
Matches 24; Conservative 7; Mismatches 14; Indels 40; Gaps 5;

QY 4 NHHHGGHKSQCVRCEDEPWHQRPCLERQ-----C 35  
IIIIII : I I I I : I I I :  
Db 2050 HHHHH-----RCHRR-RDR---KQSLKGPRLSADMDGAPSSAVGPGLPREGPTGC 2098

QY 36 REERERKQERSRHEADRSGEGSS 60  
I : I I I I I I : I I  
Db 2099 R-RERERRQERGRSQERRQPSSSS 2122

RESULT - 9  
US-08-223-305C-48  
Sequence 48, Application US/08223305C  
Patent No. 5851824  
GENERAL INFORMATION:  
APPLICANT: Harpold, Michael  
APPLICANT: Ellis, Steven  
APPLICANT: Williams, Mark  
APPLICANT: Feldman, Daniel  
APPLICANT: McCue, Ann  
APPLICANT: Brenner, Robert  
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Brown, Martin, Haller & McClain  
STREET: 1660 Union Street  
CITY: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92101-2926  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/223,305C  
FILING DATE: April 4, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/868,354  
FILING DATE: April 10, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/745,206  
FILING DATE: 15-AUG-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/620,250  
FILING DATE: 30-NOV-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/482,384  
FILING DATE: 20-FEB-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/603,751  
FILING DATE: 04-APR-1989

```
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: WO PCT/US89/01408
;; FILING DATE: 04-APR-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/176,899
;; FILING DATE: 04-APR-1988
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Seidman, Stephanie L.
;; REGISTRATION NUMBER: 33,779
;; REFERENCE/DOCKET NUMBER: 52516 (P519739)
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (619)238-0999
;; TELEFAX: (619)238-0062
;; INFORMATION FOR SEQ ID NO: 48:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 2237 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; FRAGMENT TYPE: internal
US-08-223-305C-48
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Query Match 18.9%; Score 66; DB 2; Length 2237;
Best Local Similarity 28.2%; Pred. No. 19;
Matches 24; Conservative 7; Mismatches 14; Indels 40; Gaps 5;
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OY 4 NHHHGGHKSQCVRCDPRMHRPRLCQ-----C 35
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Db 2050 HHHH-----RCHRR-RDR---KQSLKGPSSLADMDGAPSSAVGGLPPEGGPQC 2098
```

```
OY 36 REEREKROERSRHEADDRSGEGSS 60
      | |||: ||| | : ||
Db 2099 R-REERERQERKRGQERKQPSSSS 2122
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RESULT 10
US-08-455-543A-47
; Sequence 47; Application US/08455543A
; Patent No. 5792846
; GENERAL INFORMATION:
; APPLICANT: Harpold, Michael
; APPLICANT: Ellis, Steven
; APPLICANT: Williams, Mark
; APPLICANT: Feldman, Daniel
; APPLICANT: McCue, Ann
; APPLICANT: Brenner, Robert
; TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
; TITLE OF INVENTION: METHODS
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brown, Martin, Haller & McClain
; STREET: 1660 Union Street
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92101-2926
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,543A
; FILING DATE: May 31, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/223,305
; FILING DATE: April 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/866,354
; FILING DATE: April 10, 1992
; PRIOR APPLICATION DATA:
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;; APPLICATION NUMBER: US 07/745,206
;; FILING DATE: 15-AUG-1991
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/620,250
;; FILING DATE: 30-NOV-1990
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/482,384
;; FILING DATE: 20-FEB-1990
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/603,751
;; FILING DATE: 04-APR-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: WO PCT/US89/01408
;; FILING DATE: 04-APR-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/176,899
;; FILING DATE: 04-APR-1988
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Seidman, Stephanie L.
;; REGISTRATION NUMBER: 33,779
;; REFERENCE/DOCKET NUMBER: 6362-52517
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (619)238-0999
;; TELEFAX: (619)238-0062
;; INFORMATION FOR SEQ ID NO: 47:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 2339 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; FRAGMENT TYPE: internal
US-08-455-543A-47
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Query Match 18.9%; Score 66; DB 1; Length 2339;
Best Local Similarity 28.2%; Pred. No. 19;
Matches 24; Conservative 7; Mismatches 14; Indels 40; Gaps 5;
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OY 4 NHHHGGHKSQCVRCDPRMHRPRLCQ-----C 35
      ||||| : || | : |||
Db 2050 HHHH-----RCHRR-RDR---KQSLKGPSSLADMDGAPSSAVGGLPPEGGPQC 2098
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OY 36 REEREKROERSRHEADDRSGEGSS 60
      | |||: ||| | : ||
Db 2099 R-REERERQERKRGQERKQPSSSS 2122
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RESULT 11
US-08-223-305C-47
; Sequence 47; Application US/08223305C
; Patent No. 5851824
; GENERAL INFORMATION:
; APPLICANT: Harpold, Michael
; APPLICANT: Ellis, Steven
; APPLICANT: Williams, Mark
; APPLICANT: Feldman, Daniel
; APPLICANT: McCue, Ann
; APPLICANT: Brenner, Robert
; TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
; TITLE OF INVENTION: METHODS
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brown, Martin, Haller & McClain
; STREET: 1660 Union Street
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92101-2926
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
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1 SOFTWARE: FastSeq Version 1.5
2 CURRENT APPLICATION DATA:
3 APPLICATION NUMBER: US/08/223,305C
4 FILING DATE: April 4, 1994
5 PRIOR APPLICATION DATA:
6 APPLICATION NUMBER: 07/868,354
7 FILING DATE: April 10, 1992
8 PRIOR APPLICATION DATA:
9 APPLICATION NUMBER: US 07/745,206
10 FILING DATE: 15-AUG-1991
11 PRIOR APPLICATION DATA:
12 APPLICATION NUMBER: US 07/620,250
13 FILING DATE: 30-NOV-1990
14 PRIOR APPLICATION DATA:
15 APPLICATION NUMBER: US 07/482,384
16 FILING DATE: 20-FEB-1990
17 PRIOR APPLICATION DATA:
18 APPLICATION NUMBER: US 07/603,751
19 FILING DATE: 04-APR-1989
20 PRIOR APPLICATION DATA:
21 APPLICATION NUMBER: WO PCT/US89/01408
22 FILING DATE: 04-APR-1989
23 PRIOR APPLICATION DATA:
24 APPLICATION NUMBER: US 07/176,899
25 FILING DATE: 04-APR-1988
26 ATTORNEY/AGENT INFORMATION:
27 NAME: Seidman, Stephanie L.
28 REGISTRATION NUMBER: 33,779
29 REFERENCE/DOCKET NUMBER: 52516 (P519739)
30 TELECOMMUNICATION INFORMATION:
31 TELEPHONE: (619)238-0999
32 TELEFAX: (619)238-0062
33 INFORMATION FOR SEQ ID NO: 47:
34 SEQUENCE CHARACTERISTICS:
35 LENGTH: 2339 amino acids
36 TYPE: amino acid
37 STRANDEDNESS: single
38 TOPOLOGY: linear
39 MOLECULE TYPE: protein
40 FRAGMENT TYPE: internal
41 US-08-223-305C-47
42
43 Query Match 18.9%; Score 66; DB 2; Length 2339;
44 Best Local Similarity 28.2%; Pred. 19;
45 Matches 24; Conservative 7; Mismatches 14; Indels 40; Gaps 5
46
47 QY 4 NHHNHGKSGQCVRCEDRPWHRPRLCEO-----C 35
48 :||||| :||| :||| :||| :|||
49 Db 2050 HHHNH-----RCHRR-RDR-----KORSLEKRPSTLSMDGAPSSAVGPGRLPPGCEPTGC 2098
50 :||||| :||| :||| :||| :|||
51 QY 36 REEREKROEGRSRHNEADRSRGSS 60
52 :|||:||||| :||| :|||
53 Db 2099 R-RERERROEGRSGRERROPSSSS 2122
54
55 RESULT 12
56 US-09-086-912-2
57 Sequence 2, Application US/09086912
58 Patent No. 6166192
59 GENERAL INFORMATION:
60 APPLICANT: Bruce M. Spiegelman, Pere Puigserver and Zhidan Wu
61 TITLE OF INVENTION: PGC-1, A No. 6166192el Brown Fat PPAR[SYMBOL
62 TITLE OF INVENTION: 103 [f "Symbol"] Coactivator
63 NUMBER OF SEQUENCES: 3
64 CORRESPONDENCE ADDRESS:
65 ADDRESSEE: LAHIVE & COCKFIELD, LLP
66 STREET: 28 State Street
67 CITY: Boston
68 STATE: Massachusetts
69 COUNTRY: USA
70 ZIP: 02109
71 COMPUTER READABLE FORM:

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1 MEDIUM TYPE: Floppy disk
2 COMPUTER: IBM PC compatible
3 OPERATING SYSTEM: PC-DOS/MS-DOS
4 SOFTWARE: Patentin Release #1.0, Version #1.25
5 CURRENT APPLICATION DATA:
6 APPLICATION NUMBER: US/09/086.912
7 FILING DATE:
8 PRIOR APPLICATION DATA:
9 APPLICATION NUMBER: 60/048.107
10 FILING DATE: 30-MAY-1997
11 ATTORNEY/AGENT INFORMATION:
12 NAME: Mandragoras, Amy B.
13 REGISTRATION NUMBER: 36,207
14 REFERENCE/DOCKET NUMBER: DFN-023
15 TELECOMMUNICATION INFORMATION:
16 TELEPHONE: (617)227-7400
17 TELEFAX: (617)227-5941
18 INFORMATION FOR SEQ ID NO: 2:
19 SEQUENCE CHARACTERISTICS:
20 LENGTH: 797 amino acids
21 TYPE: amino acid
22 TOPOLOGY: linear
23 MOLECULE TYPE: protein
24 US-09-086-912-2
25
26 Query Match 18.4%; Score 64.5; DB 3; Length 797;
27 Best Local Similarity 34.6%; Pred. No. 9.2;
28 Matches 18; Conservative 8; Mismatches 23; Indels 3; Gaps 3;
29
30 Oy 2 DDHHHGGHSGGCVRCEDR-PWHQPRC-LEQCREBERKROE-RRRHE 50
31 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
32 : : : : : : : : : : : : : : : : : : : : : : : : : : : :
33 Db 603 ESSHRYHRTHRNSPLYVRSRSPYSRRPRDYSEAYEHERLKRDEYKREHE 654
34
35 RESULT 13
36 US-08-149-097D-35
37 Sequence 35, Application US/08149097D
38 Patent No. 5874236
39 GENERAL INFORMATION:
40 APPLICANT: Harpold, Michael
41 APPLICANT: Ellis, Steven
42 APPLICANT: Williams, Mark
43 APPLICANT: Feldman, Daniel
44 APPLICANT: McCue, Ann
45 APPLICANT: Brenner, Robert
46 TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
47 METHODS
48 NUMBER OF SEQUENCES: 40
49 CORRESPONDENCE ADDRESS:
50 ADDRESSEE: Brown, Martin, Haller & McClain
51 STREET: 1660 Union Street
52 CITY: San Diego
53 STATE: California
54 COUNTRY: USA
55 ZIP: 92101-2926
56 COMPUTER READABLE FORM:
57 MEDIUM TYPE: Floppy disk
58 COMPUTER: IBM PC compatible
59 OPERATING SYSTEM: PC-DOS/MS-DOS
60 SOFTWARE: Patentin Release #1.0, Version #1.25
61 CURRENT APPLICATION DATA:
62 APPLICATION NUMBER: US/08/149,097D
63 FILING DATE: 05-NOV-1993
64 CLASSIFICATION: 435
65 PRIOR APPLICATION DATA:
66 APPLICATION NUMBER: 08/105,536
67 FILING DATE: 11-AUG-1993
68 PRIOR APPLICATION DATA:
69 APPLICATION NUMBER: WO PCT/US92/06903
70 FILING DATE: 14-AUG-1992
71 PRIOR APPLICATION DATA:
72 APPLICATION NUMBER: US 07/914,231

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; FILING DATE: 13-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/868,354
; FILING DATE: 10-APR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/745,206
; FILING DATE: 15-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/620,250
; FILING DATE: 30-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/482,384
; FILING DATE: 20-FEB-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/603,751
; FILING DATE: 04-APR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US89/01408
; FILING DATE: 04-APR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/176,899
; FILING DATE: 04-APR-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L.
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 6362-55038
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 238-0999
; TELEFAX: (619) 238-0062
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2509 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; FEATURE:
; OTHER INFORMATION: /product= "Alpha1a-1 subunit of
; OTHER INFORMATION: human calcium channel."
; US-08-149-097D-35

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Query Match 18.1% Score 63.5; DB 2; Length 2509;
Best Local Similarity 29.5%; Pred. No. 40;
Matches 18; Conservative 6; Mismatches 28; Indels 9; Gaps 2;

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OY 4 NHHHGGH-----KSGCVRRCEDRPWHORPCLECCREERERKROERSRHEADDRSGEG 58
Db 2217 HHHHHHHPPPKD-----RTAQERPDHGRRARARQRRKRSRSPGREGHMAHRRGSSSVSG 2272
OY 59 S 59
Db 2273 S 2273

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RESULT 14
5223423-2
; Patent No. 5223423
; APPLICANT: FRANCHINI, GENOVEFFA, WONG-STAL, FLOSSIE;
; GALLO, ROBERT
; TITLE OF INVENTION: CHARACTERIZATION OF REPLICATION COMPETENT
; HUMAN IMMUNODEFICIENCY TYPE 2 PROVIRAL CLONE HIV-2 SBL/15Y
; NUMBER OF SEQUENCES: 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/331,212
; FILING DATE: 03-31-1989
; SEQ ID NO: 2
; LENGTH: 3077
5223423-2

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Query Match 17.9% Score 62.5; DB 5; Length 3077;
Best Local Similarity 23.5%; Pred. No. 65;
Matches 16; Conservative 10; Mismatches 11; Indels 31; Gaps 2;

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OY 12 KSGCVRRCEDR-----PMHORP-----CLECCREER 40
Db 605 KSGHIMANCPDRQAGFLGPGWKKRNFVVPSSQGLTPAPPMDPAVDLLEKYMQGR 664
OY 41 EKROERSR 48
Db 665 KOREOROR 672

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RESULT 15
US-09-089-879-2
; Sequence 2, Application US/09089879
; Patent No. 611092
; GENERAL INFORMATION:
; APPLICANT: Williamson, Mark
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING DRT11 AND USES THEREOF
; FILE REFERENCE: 07334/078001
; CURRENT APPLICATION NUMBER: US/09/089,879
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-089-879-2

```

```

Query Match 17.6% Score 61.5; DB 3; Length 401;
Best Local Similarity 54.3%; Pred. No. 9.7;
Matches 19; Conservative 6; Mismatches 5; Indels 5; Gaps 3;

```

```

OY 18 RRCEDRPWHORPCLECCRE-EERERKROERSRHEA 51
Db 114 KOREER--QRORELEROKETIEERKKR-KDRHEA 144

```

```

Search completed: March 1, 2001, 16:10:06
Job time: 1209 sec

```

